DM1408

14 INPUT RACK DIGITAL MIXER

Features

The LUCASACS DM1408 digital sound mixer is designed for professional live performance and is ideal for stage sound reinforcement, live audio program recording, multi-functional conference halls, and other application environments due to its excellent timbre and dynamics. This product is flexible, portable and easy to operate, ensures professional effects and helps users with less experience quickly obtain high-quality results. It supports the function of BLE wireless APP control and remote control through the protocol code of the central control port.



Technical Specifications

- Designed for professional live performance; ideal for stage sound reinforcement, live program recording, and multi-functional conference halls.
- Flexible, portable and easy to operate; helps less-experienced users quickly achieve high-quality results.
- Supports BLE wireless APP control and remote control through the protocol code of the central control port.
- 28/56-bit DSP chip processing, 48kHz sampling rate, 24-bit AD/DA converters.
- 48V phantom power; MIC/LINE input gain switchable; adjustable MIC input sensitivity.
- Input section features: low-cut, PEQ, noise gate, gain, mute, phase, delay, link adjustment, volume marshalling.
- Output section features: X-over, PEQ, gain, mute, compressor/limiter, phase, delay, link adjustment, volume marshalling.
- PEQ gain, bandwidth and frequency fully adjustable; PEQ types: PEAK, L-SHELF, H-SHELF, LOW CUT, HIGH CUT, ALLPASS1, ALLPASS2.
- 10×8 AUX mix matrix design; output includes independent 8×10 full mix matrix assignable to any channel.
- AUX channels include auto-mixing, adaptive notch feedback suppression, professional ECHO & REVERB dual-engine effects, graphic EQ processing.
- High-cut and low-cut filter types: Butterworth, Linkwitz-Riley, Bessel; slope selectable.
- Adjustable noise gate (threshold, attack time, recovery time) for inputs.
- Adjustable compressor (ratio, attack time, release time) for outputs.
- Stereo music input channel includes bass enhancement, 3D effect, exciter, stereo space expansion.
- Supports stereo Bluetooth V5.0, OTG (USB 2.0) sound card input, SD card / USB disk playback.
- Independent recording channel; recording gain adjustable; any input can be selected as recording source via OTG or USB disk.
- Presets can be copied; each channel supports link adjustment.
- Built-in signal generator: pink noise, white noise, 20–20kHz sine wave, adjustable amplitude.
- Front panel: 1.7-inch color LCD showing volume, presets, menus; independent SD/USB controls.
- Rear panel: RS232 & RS485 control ports; remote network control; one-button connection support.
- Supports 232/network control protocol: volume control, mute, preset recall, parameter query, feedback, grouped control for any I/O channels.
- Stores 20 user presets; supports PC backup/recall; includes password protection.

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